



Launch Mission Execution Forecast

Mission: Atlas V ViaSat-3

Issued: 11 Nov 2025 / 0830L (1330Z)

Valid: 13 Nov 2025 / 2200 – 2300L (14/0300 – 0400Z)



Forecast Discussion: Cold and windy conditions have developed across the Spaceport after a reinforcing cold front pushed through the region last night. Wind speeds will decrease as the day progresses today into tonight as a strong surface high pressure system builds over the Florida peninsula. This high will remain in control throughout the week, leading to weaker winds and mostly clear skies. Very favorable launch weather conditions are expected for both the primary and backup launch opportunities. The only watch item is solar activity, with an increased risk of X-ray flares and elevated proton flux.

Launch Day	Probability of Violating Weather Constraints¹														
	<5%	Primary Concerns: None													
	Weather Conditions				Additional Risk Criteria²										
	Weather/Visibility: None / 7 mi. Temp/Humidity: 63°F / 70% Ground Winds (230'): 340° 5 - 10 knots	<table border="1"> <thead> <tr> <th colspan="4" style="text-align: center;">Clouds</th> </tr> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Coverage</th> <th style="text-align: left;">Base (ft)</th> <th style="text-align: left;">Tops (ft)</th> </tr> </thead> <tbody> <tr> <td colspan="4">None</td> </tr> </tbody> </table>	Clouds				Type	Coverage	Base (ft)	Tops (ft)	None				Solar Activity: Moderate
Clouds															
Type	Coverage	Base (ft)	Tops (ft)												
None															

24-Hour Delay	Probability of Violating Weather Constraints														
	<5%	Primary Concerns: None													
	Weather Conditions				Additional Risk Criteria										
	Weather/Visibility: None / 7 mi. Temp/Humidity: 67°F / 70% Ground Winds (230'): 030° 5 - 10 knots	<table border="1"> <thead> <tr> <th colspan="4" style="text-align: center;">Clouds</th> </tr> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Coverage</th> <th style="text-align: left;">Base (ft)</th> <th style="text-align: left;">Tops (ft)</th> </tr> </thead> <tbody> <tr> <td>Stratocumulus</td> <td>Few</td> <td>3,000</td> <td>5,000</td> </tr> </tbody> </table>	Clouds				Type	Coverage	Base (ft)	Tops (ft)	Stratocumulus	Few	3,000	5,000	Solar Activity: Moderate
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Notes	1. The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring anytime during the launch window. 2. Additional Risk Criteria, which are not included in the PoV, are mission-specific constraints that may not include all phenomena within each risk factor. See https://www.patrick.spaceforce.mil/Portals/14/Weather/LaunchFAQ.pdf for more information.					
	Next Forecast Will Be Issued		12 Nov 2025			